

WHAT IS CLAIMED IS:

- 1 1. A method for presenting graphical data to a user, comprising the steps of:
2 analyzing a set of graphical data to determine a set of critical factors present in
3 the graphical data;
4 ranking the determined critical factors according to respective priorities set for
5 each of the critical factors; and
6 generating a textual description of the set of graphical data, ordered according
7 to the priority of the respective critical factor.
- 1 2. The method as recited in claim 1, wherein the set of critical factors and the
2 textual description are selected according to a selected mode.
- 1 3. The method as recited in claim 2, wherein the mode is selected according to a
2 URL associated with the set of graphical data.
- 1 4. The method of claim 1 wherein said step of generating said textual description
2 further comprises the step of generating said textual rendition in an aural format.
- 1 5. The method of claim 1 wherein said step of generating said textual description
2 further comprises the step of generating said textual rendition in an tactile format.
- 1 6. The method of claim 2 wherein said priority of the respective critical factor is
2 determined in accordance with said selected mode.
- 1 7. The method of claim 1 wherein said step of generating said textual description
2 of the set of graphical data includes generating said textual description in accordance
3 with one or more textual templates.

1 8. A computer program product embodied in a tangible storage medium, the
2 program product for presenting graphical data, the program product including a
3 program of instructions for performing the steps of:

4 analyzing a set of graphical data to determine a set of critical factors present in
5 the graphical data;

6 ranking the determined critical factors according to respective priorities set for
7 each of the critical factors; and

8 generating a textual description of the set of graphical data, ordered according
9 to the priority of the respective critical factor.

1 9. The program product of claim 8 wherein the set of critical factors and the
2 textual description are selected according to a selected mode..

1 10. The program product of claim 9 wherein the mode is selected according to a
2 URL associated with the set of graphical data.

1 11. The program product of claim 8 wherein said program of instruction for
2 performing the step of generating said textual description further comprises a
3 program of instruction for performing the step of generating said textual description
4 in an aural format.

1 12. The program product of claim 8 said program of instruction for performing
2 the step of generating said textual description comprises a program of instruction for
3 performing the step of generating said textual description in a tactile format.

1 13. The program product of claim 9 wherein said priority of the respective critical
2 factor is determined in accordance with said selected mode..

1 14. The program product of claim 8 wherein said step of generating said textual
2 description of the set of graphical data includes generating said textual description in
3 accordance with one or more textual templates.

- 1 15. A data processing system comprising:
2 circuitry operable for analyzing a set of graphical data to determine a set of
3 critical factors present in the graphical data;
4 circuitry operable for ranking the determined critical factors according to
5 respective priorities set for each of the critical factors; and
6 circuitry operable for generating a textual description of the set of graphical
7 data, ordered according to the priority of the respective critical factor.
- 1 16. The system as recited in claim 1, wherein the set of critical factors and the
2 textual description are selected according to a selected mode.
- 1 17. The system as recited in claim 2, wherein the mode is selected according to a
2 URL associated with the set of graphical data.
- 1 18. The system of claim 15 wherein said circuitry operable for generating said
2 textual description further comprises circuitry operable for generating said textual
3 rendition in an aural format.
- 1 19. The system of claim 15 wherein said circuitry operable for generating said
2 textual description further comprises circuitry operable for generating said textual
3 rendition in an tactile format.
- 1 20. The system of claim 16 wherein said priority of the respective critical factor is
2 determined in accordance with said selected mode.
- 1 21. The system of claim 15 wherein said circuitry operable for generating said
2 textual description of the set of graphical data includes circuitry operable for
3 generating said textual description in accordance with one or more textual templates.